ION ITX

L-SERIES

SKU: ION ITX-L-E

Experience fluid and vivid high-definition video playback with the ultra-compact ZOTAC ION™ motherboard. The mini-ITX form factor ZOTAC ION™ motherboards combine a high-performance NVIDIA® ION graphics processor with a power-efficient Intel® Atom™ processor for the ultimate eco-friendly platform that has no troubles handling regular web browsing, e-mail, productivity and HD video playback tasks.

NVIDIA® PureVideo™ HD technology harnesses the power of the NVIDIA® ION™ GPU's 16 high-speed stream processors for high-definition Blu-ray playback capabilities. PureVideo™ HD technology decodes HD video formats and enhances standard-definition videos with the NVIDIA® ION™ GPU for flawless HD and superior SD video playback.

Specifications

- NVIDIA® ION™ graphics processor
- Graphics Engine Clock: 450 MHz
- Shader Clock: 1100 MHz
- 16 stream processors

Processor support

- Intel® Atom™ 330 (1.6 GHz, dual-core)
- 533 MHz front-side bus
- Intel® HyperThreading™ technology

Memory support

- DDR3 1066/1333
- 2 x 240 pin DDR3 DIMM slots
- Up to 4GB ram

Expansion

- Mini PCI Express (occupied by WiFi module)
- PCI Express 2.0 x16

Dimensions

- Mini-ITX form factor
- Height: 6.7in - 170mm
- Width: 6.7in – 170mm

Rear port layout

Inside the box

- 3 SATA cables
- 1 SATA power adapter
- 1 WiFi antenna
- 1 WiFi bracket
- 1 CPU fan (optional install)

Features

- NVIDIA® PureVideo™ HD technology
- NVIDIA® CUDA™ Ready
- NVIDIA® PhysX™ Ready
- NVIDIA® MediaShield™ Storage & RAID technology
- Integrated 802.11n WiFi
- Microsoft® DirectX 10
- Microsoft® Windows® 7 Premium ready

Storage support

- 3 SATA 3.0 Gb/s ports
- 1 eSATA 3.0 Gb/s port
- SATA RAID 0, 1, 0 + 1

Connectors

- 10 USB ports (6 on back panel, 4 via pin header)
- 1 Serial port header
- 1 HD Audio Port (Line-in, Line-out, Mic-in)
- 1 PS/2 keyboard port
- 2 Digital S/PDIF outputs (1 optical, 1 coaxial)
- 1 WiFi antenna connector

Display outputs

- VGA
- DVI-D
- HDMI (w/7.1-channel Audio)
- NVIDIA® nView™ multi-display (up to 2 monitors)
- HDCP ready

Size comparison

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